

Ecology

How can we improve the quality of local natural resources in Narrows before they are depleted?

What do we know about the water at Mill Pond?

Where does the water from the pond come from and where does it go? 5.7, 6.7

Should we eat or drink from the pond. 5.5, 6.7

What is the water quality like at the pond and what affects it? 6.5

Is the pond filling with sediment? 5.7

What is the water flow like at the pond? 5.7, 6.7

What is the pond ecosystem?

If the ducks are gone what would happen to the food chain? 4.5

What is a duck's niche? 4.5

Is there an overpopulation of ducks? Why? 4.5

What living and non-living things make up the pond? 4.5, 5.5, 6.7

What adaptations do ducks use to survive? 4.5

What food chains make up the pond food web? 4.5

What has been/can be the human influence on the pond?

How can we reduce pollution at the pond? 4.5, 5.4, 6.7, 6.9

How can we control the amount of duck poop? 5.4

How can we stop erosion? 5.7

Culminating Activity: Present a plan or solution to educate the citizens, local governmental entities, or media of Narrows outlining recommendations for improvements to the Mill Creek Pond areas.

Scenario: The Mill Creek Pond and Park are very valuable resources to the town of Narrows. Unfortunately the quality of these areas has been declining the appearance, function, and use. As a resident and/or tourist of the town of Narrows, this is a concern. You are needed to help investigate the issues surrounding these areas and help improve the quality of our beloved Mill Pond.